

DERWENT-ACC-NO: 2002-041397

DERWENT-WEEK: 200219

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TITLE: New A259 nucleic acids and polypeptides, which comprise integrin alpha subunit, useful for diagnosing, preventing or treating e.g. liver disease, kidney or lung fibrosis, cancers, blood disorders or immune related diseases

INVENTOR: LORA, J; PAN, Y

PRIORITY-DATA: 2000US-0561263 (April 27, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200181414 A2	November 1, 2001	E	168	C07K014/705
AU 200159178 A	November 7, 2001		000	C07K014/705

INT-CL (IPC): C07 K 14/705

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: WO 200073339 A1 EP 1187851 A1 AU 200050147 A

L1: Entry 6 of 12

File: DWPI

Dec 7, 2000

DERWENT-ACC-NO: 2001-041142

DERWENT-WEEK: 200227

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TITLE: Nucleic acid encoding alpha-integrin subunits, useful for treatment and diagnosis of fibrosis, e.g. of the liver

INVENTOR: LORA, J M; PAN, Y

PRIORITY-DATA: 2000US-0561263 (April 27, 2000), 1999US-0322790 (May 28, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200073339 A1	December 7, 2000	E	164	C07K014/705
EP 1187851 A1	March 20, 2002	E	000	C07K014/705
AU 200050147 A	December 18, 2000		000	C07K014/705

INT-CL (IPC): A61 K 38/16; A61 K 39/395; C07 K 14/705; C07 K 14/71; C07 K 14/715; C07 K 16/18; C07 K 16/28; C12 N 5/10; C12 N 15/12; C12 N 15/63; C12 N 15/64; G01 N 33/53; G01 N 33/567

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☒ 7. Document ID: US 5831029 A

L1: Entry 7 of 12

File: DWPI

Nov 3, 1998

DERWENT-ACC-NO: 1998-609318

DERWENT-WEEK: 200256

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TITLE: Antibodies specific for beta-2 integrin alpha-subunit d - useful in immunohistochemical analysis

INVENTOR: GALLATIN, W M; VAN DER VIEREN, M

PRIORITY-DATA: 1995US-0482293 (June 7, 1995), 1993US-0173497 (December 23, 1993),
1994US-0286889 (August 5, 1994), 1994US-0362652 (December 21, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5831029 A	November 3, 1998		106	C07K016/28

INT-CL (IPC): C07 K 16/28; C12 P 21/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 8. Document ID: US 5766850 A

L1: Entry 8 of 12

File: DWPI

Jun 16, 1998

DERWENT-ACC-NO: 1998-361678

DERWENT-WEEK: 200256

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TITLE: Isolation of DNA encoding protein that binds to integrin subunit - using
recombinant cells containing reporter-transactivator construct

INVENTOR: GALLATIN, W M; VAN DER VIEREN, M

PRIORITY-DATA: 1994US-0362652 (December 21, 1994), 1993US-0173497 (December 23,
1993), 1994US-0286889 (August 5, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5766850 A	June 16, 1998		086	C12N015/00

INT-CL (IPC): C12 N 15/00; C12 N 15/02; C12 N 15/10; C12 N 15/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 9. Document ID: US 5728533 A

L1: Entry 9 of 12

File: DWPI

Mar 17, 1998

DERWENT-ACC-NO: 1998-206565

DERWENT-WEEK: 200256

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TITLE: Screening assay for modulators of integrin binding - using immobilised or
labelled alpha-d polypeptide, useful for, e.g. treating type-I diabetes

INVENTOR: GALLATIN, W M; VAN DER VIEREN, M

PRIORITY-DATA: 1995US-0485618 (June 7, 1995), 1993US-0173497 (December 23, 1993),
1994US-0286889 (August 5, 1994), 1994US-0362652 (December 21, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5728533 A	March 17, 1998		106	C12Q001/00

INT-CL (IPC): A61 K 35/14; C07 K 14/00; C12 Q 1/00; G01 N 33/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☒ 10. Document ID: WO 9517412 A1 US 5437958 A AU 9518603 A US 5470953 A EP 686161 A1 JP 08507933 W EP 686161 A4 JP 3261383 B2

L1: Entry 10 of 12

File: DWPI

Jun 29, 1995

DERWENT-ACC-NO: 1995-240603

DERWENT-WEEK: 200256

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TITLE: Alpha sub-unit polypeptide of human beta 2 integrin - used to identify potential antiinflammatory agents, for the treatment of graft arteriosclerosis, inflammatory bowel disease, asthma, etc.

INVENTOR: GALLATIN, W M; VAN DER VIEREN, M

PRIORITY-DATA: 1994US-0286889 (August 5, 1994), 1993US-0173497 (December 23, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9517412 A1	June 29, 1995	E	172	C07H019/00
US 5437958 A	August 1, 1995		033	C12N005/00
AU 9518603 A	July 10, 1995		000	C07H019/00
US 5470953 A	November 28, 1995		057	C07K001/00
EP 686161 A1	December 13, 1995	E	000	C07H019/00
JP 08507933 W	August 27, 1996		197	C12P021/02
EP 686161 A4	July 16, 1997		000	C07H019/00
JP 3261383 B2	February 25, 2002		146	C12N015/09

INT-CL (IPC): A01 K 67/027; A61 K 35/14; A61 K 38/00; A61 K 39/395; C07 H 19/00; C07 H 21/00; C07 H 21/04; C07 K 1/00; C07 K 2/00; C07 K 4/00; C07 K 7/06; C07 K 7/08; C07 K 14/00; C07 K 14/47; C07 K 14/705; C07 K 16/00; C07 K 16/18; C07 K 16/28; C07 K 19/00; C12 N 1/20; C12 N 5/00; C12 N 5/10; C12 N 15/00; C12 N 15/02; C12 N 15/09; C12 P 21/02; C12 P 21/06; C12 P 21/08; C12 Q 1/00; C12 Q 1/68; G01 N 33/53; G01 N 33/577; C12 P 21/02; C12 R 1:91; C12 N 5/10; C12 R 1:91; C12 P 21/08; C12 R 1:91

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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Generate Collection

Print

Term	Documents
INTEGRIN.DWPI.	745
INTEGRINS.DWPI.	184
ALPHA.DWPI.	146472
ALPHAS.DWPI.	48
SUBUNIT.DWPI.	2784
SUBUNITS.DWPI.	1366
(INTEGRIN ADJ ALPHA ADJ SUBUNIT).DWPI.	12
(INTEGRIN ADJ ALPHA ADJ SUBUNIT).DWPI.	12

Display Format:

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\$0.33 Estimated total session cost 0.094 DialUnits

File 410:Chronolog(R) 1981-2003/Jan
(c) 2003 The Dialog Corporation

Set Items Description

? set hi ;set hi

HIGHLIGHT set on as ''

HIGHLIGHT set on as ''

? begin 5,73,155,399

09feb03 08:30:11 User208760 Session D2265.2

\$0.00 0.071 DialUnits File410

\$0.00 Estimated cost File410

\$0.01 TELNET

\$0.01 Estimated cost this search

\$0.34 Estimated total session cost 0.165 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Feb W1

(c) 2003 BIOSIS

*File 5: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.

File 73:EMBASE 1974-2003/Feb W1

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*File 73: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.

File 155:MEDLINE(R) 1966-2003/Feb W1

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File 399:CA SEARCH(R) 1967-2003/UD=13806

(c) 2003 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement.
Alert feature enhanced for multiple files, etc. See HELP ALERT.

Set Items Description

? s alphaD and integrin

314 ALPHAD

58243 INTEGRIN

S1 39 ALPHAD AND INTEGRIN

? rd s1

...completed examining records

S2 26 RD S1 (unique items)

? t s2/3/all

2/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

13853433 BIOSIS NO.: 200200482254

Alteration in expression of beta2 integrins on lamina propria lymphocytes
in ulcerative colitis and Crohn's disease.

AUTHOR: Bernstein Charles N(a); Sargent Michael; Rector Edward

AUTHOR ADDRESS: (a)Inflammatory Bowel Disease Clinical and Research Centre,
John Buhler Research Centre, University of Manitoba, 804F-715 McDermot

Avenue, Winnipeg, MB, R3E-3P4**Canada E-Mail: cbernst@cc.umanitoba.ca

JOURNAL: Clinical Immunology (Orlando) 104 (1):p67-72 July, 2002

MEDIUM: print

ISSN: 1521-6616

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

13367225 BIOSIS NO.: 200100574374
Combined treatment with methylprednisolone and a monoclonal antibody to the
integrin subunit **alphaD** almost abolishes macrophage migration
to the site of a spinal cord injury.
AUTHOR: Saville L(a); Simedria C(a); Peters A(a); Marsh D(a); Weaver L C(a)
; Dekaban G A(a)
AUTHOR ADDRESS: (a)Neurobiology, John P. Robarts Research Institute,
London, ON**Canada
JOURNAL: Society for Neuroscience Abstracts 27 (2):p2043 2001
MEDIUM: print
CONFERENCE/MEETING: 31st Annual Meeting of the Society for Neuroscience
San Diego, California, USA November 10-15, 2001
ISSN: 0190-5295
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

13367224 BIOSIS NO.: 200100574373
Early treatment with a monoclonal antibody to the **integrin** alpha D
after clip compression injury of the spinal cord improves histological
and functional outcomes.
AUTHOR: Gris D(a); Dekaban G A(a); Weaver L C(a)
AUTHOR ADDRESS: (a)Neurobiology, John P. Robarts Research Institute,
London, ON**Canada
JOURNAL: Society for Neuroscience Abstracts 27 (2):p2043 2001
MEDIUM: print
CONFERENCE/MEETING: 31st Annual Meeting of the Society for Neuroscience
San Diego, California, USA November 10-15, 2001
ISSN: 0190-5295
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

12934753 BIOSIS NO.: 200100141902
Acquisition and alteration of adhesion molecules during cultured human mast
cell differentiation.
AUTHOR: Tachimoto Hiroshi; Hudson Sherry A; Bochner Bruce S(a)
AUTHOR ADDRESS: (a)Johns Hopkins Asthma and Allergy Center, 5501 Hopkins
Bayview Circle, Baltimore, MD, 21224**USA
JOURNAL: Journal of Allergy and Clinical Immunology 107 (2 Part 2):p
302-309 February, 2001
MEDIUM: print
ISSN: 0091-6749
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

12876785 BIOSIS NO.: 200100083934
Evolution of the **integrin** alpha and beta protein families.
AUTHOR: Hughes Austin L(a)
AUTHOR ADDRESS: (a)Department of Biological Sciences, University of South
Carolina, Columbia, SC, 29208: austin@biol.sc.edu**USA
JOURNAL: Journal of Molecular Evolution 52 (1):p63-72 January, 2001
MEDIUM: print
ISSN: 0022-2844
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

12869664 BIOSIS NO.: 200100076813
Inhibition of ED-1+ macrophage migration to the site of spinal cord injury
by a monoclonal antibody to the **integrin alphaD**: a
neuroprotective role.
AUTHOR: Dekaban G A(a); Simeanea C; Peters A; Mabon J; Weaver L C
AUTHOR ADDRESS: (a)John P Robarts Res Inst, London, ON**Canada
JOURNAL: Society for Neuroscience Abstracts 26 (1-2):pAbstract No-18616
2000
MEDIUM: print
CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New
Orleans, LA, USA November 04-09, 2000
SPONSOR: Society for Neuroscience
ISSN: 0190-5295
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12789532 BIOSIS NO.: 200000543155
Inhibition of monocyte/macrophage migration to a spinal cord injury site by
an antibody to the **integrin alphaD**: A potential new
anti-inflammatory treatment.
AUTHOR: Mabon P Joy(a); Weaver Lynne C(a); Dekaban Gregory A(a)
AUTHOR ADDRESS: (a)Neurodegeneration Research Group, John P. Robarts
Research Institute, London, ON, N6A 5K8**Canada
JOURNAL: Experimental Neurology 166 (1):p52-64 November, 2000
MEDIUM: print
ISSN: 0014-4886
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

12745094 BIOSIS NO.: 200000498717

Inhibition of ED-1+ macrophage infiltration to the site of spinal cord injury by a monoclonal antibody to the **integrin alphaD** leads to improved locomotor and autonomic outcomes.

AUTHOR: Dekaban G A(a); Weaver L C(a)

AUTHOR ADDRESS: (a)Neurodegeneration Group, John P. Roberts Research Institute, London, ON**Canada

JOURNAL: Journal of Neurotrauma 17 (10):p981 October, 2000

MEDIUM: print

CONFERENCE/MEETING: Eighteenth Annual National Neurotrauma Society Symposium New Orleans, Louisiana, USA November 03-04, 2000

ISSN: 0897-7151

RECORD TYPE: Citation

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

11879533 BIOSIS NO.: 199900125642
alphadbeta2 **Integrin** binding to VCAM-1 demonstrated by 240I, an **alphad integrin** blocking antibody.

AUTHOR: Grayson M H(a); Van Der Vieren M; Gallatin W M; Hoffman P A; Sterbinsky S A(a); Staunton D E; Bochner B S(a)

AUTHOR ADDRESS: (a)Johns Hopkins Asthma and Allergy Center, Baltimore, MD**USA

JOURNAL: Journal of Allergy and Clinical Immunology 103 (1 PART 2):pS190 Jan., 1999

CONFERENCE/MEETING: 55th Annual Meeting of the American Academy of Allergy, Asthma and Immunology Orlando, Florida, USA February 26-March 3, 1999

SPONSOR: American Academy of Allergy, Asthma, and Immunology

ISSN: 0091-6749

RECORD TYPE: Citation

LANGUAGE: English

2/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

11809836 BIOSIS NO.: 199900055945
alphadbeta2 **integrin** is expressed on human eosinophils and functions as an alternative ligand for vascular cell adhesion molecule 1 (VCAM-1).

AUTHOR: Grayson Mitchell H; Van Der Vieren Monica; Sterbinsky Sherry A; Gallatin W Michael; Hoffman Patricia A; Staunton Donald E; Bochner Bruce S(a)

AUTHOR ADDRESS: (a)Johns Hopkins Asthma Allergy Cent., 5501 Hopkins Bayview Circle, Baltimore, MD 21224**USA

JOURNAL: Journal of Experimental Medicine 188 (11):p2187-2191 Dec. 7, 1998

ISSN: 0022-1007

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

11604995 BIOSIS NO.: 199800386727
Integrins, their ligands and cell function: Ligand recognition by the I domain-containing integrins.

AUTHOR: Dickeson S K; Santoro S A(a)

AUTHOR ADDRESS: (a)Dep. Pathology, Box 8118, Washington Univ. Sch. Med.,
660 South Euclid Avenue, St. Louis, MO 631**USA
JOURNAL: CMLS Cellular and Molecular Life Sciences 54 (6):p556-566 June,
1998
ISSN: 1420-682X
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

2/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

11263562 BIOSIS NO.: 199800044894
Peripheral blood lymphocyte beta2 **integrin** and ICAM expression in
inflammatory bowel disease.
AUTHOR: Bernstein Charles N(a); Sargent Michael; Rawsthorne Patricia;
Rector Edward
AUTHOR ADDRESS: (a)Univ. Manitoba Inflammotory Bowel Disease Clin. Res.
Centre, GB-443 Health Sci. Cent., 820 Sherbr**Canada
JOURNAL: Digestive Diseases and Sciences 42 (11):p2338-2349 Nov., 1997
ISSN: 0163-2116
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

2/3/13 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

11048023 EMBASE No: 2000393036
C5a-stimulated human neutrophils use a subset of betaSUB2 integrins to
support the adhesion-dependent phase of superoxide production
Tyagi S.R.; Klickstein L.B.; Nicholson-Weller A.
Dr. A. Nicholson-Weller, Dana 617, Beth Israel Deaconess Medical Center,
330 Brookline Avenue, Boston, MA 02215 United States
AUTHOR EMAIL: anichols@caregroup.harvard.edu
Journal of Leukocyte Biology (J. LEUKOCYTE BIOL.) (United States)
2000, 68/5 (679-686)
CODEN: JLBIE ISSN: 0741-5400
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 40

2/3/14 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

07802166 EMBASE No: 1999284560
The leukocyte **integrin** alpha(D)betainf 2 binds VCAM-1: Evidence for
a binding interface between I domain and VCAM-1
Van der Vieren M.; Crowe D.T.; Hoekstra D.; Vazeux R.; Hoffman P.A.;
Grayson M.H.; Bochner B.S.; Gallatin W.M.; Staunton D.E.
Dr. D.E. Staunton, ICOS Corp., 22021 20th Avenue SE, Bothell, WA 98021
United States
AUTHOR EMAIL: dstaunton@icos.com
Journal of Immunology (J. IMMUNOL.) (United States) 15 AUG 1999, 163/4
(1984-1990)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 34

2/3/15 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
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07423107 EMBASE No: 1998331172

The leukointegrin alpha d/Beta2 (alpha d/CD18): Specific changes
in surface expression in patients on hemodialysis

Rabb H.; Agosti S.J.; Hakala S.; Hoffman P.; Gallatin W.M.; Ramirez G.
H. Rabb, Nephrology Section (111F), James A. Haley VA Hospital, 13000
Bruce B. Downs Blvd., Tampa, FL 33612 United States
Cell Adhesion and Communication (CELL ADHES. COMMUN.) (Netherlands)
1998, 6/1 (13-20)

CODEN: CADCE ISSN: 1061-5385

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 27

2/3/16 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

07168215 EMBASE No: 1998057126

beta2 integrin/ICAM expression in Crohn's disease

Bernstein C.N.; Sargent M.; Gallatin W.M.

C.N. Bernstein, Department of Medicine, University of Manitoba, Winnipeg,
Man. R3A 1R9 Canada

Clinical Immunology and Immunopathology (CLIN. IMMUNOL. IMMUNOPATHOL.)
(United States) 1998, 86/2 (147-160)

CODEN: CLIIA ISSN: 0090-1229

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 30

2/3/17 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

07160125 EMBASE No: 1998034540

Requirements for alpha d in IgG immune complex-induced rat lung
injury

Shanley T.P.; Warner R.L.; Crouch L.D.; Dietsch G.N.; Clark D.L.; O'Brien
M.M.; Gallatin W.M.; Ward P.A.

Dr. P.A. Ward, Department of Pathology, University of Michigan Medical
Sch., M5240 Medical Science I, 1301 Catherine Road, Ann Arbor, MI

48109-0602 United States

AUTHOR EMAIL: pward@umich.edu

Journal of Immunology (J. IMMUNOL.) (United States) 1998, 160/2
(1014-1020)

CODEN: JOIMA ISSN: 0022-1767

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 37

2/3/18 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

06637439 EMBASE No: 1996302253

betainf 2-integrin/intercellular adhesion molecule (ICAM)
expression in the normal human intestine
Bernstein C.N.; Sargent M.; Gallatin W.M.; Wilkins J.
Section of Gastroenterology, University of Manitoba, Health Sciences
Centre, 820 Sherbrook St., Winnipeg, Man. R3A 1R9 Canada
Clinical and Experimental Immunology (CLIN. EXP. IMMUNOL.) (United
Kingdom) 1996, 106/1 (160-169)
CODEN: CEXIA ISSN: 0009-9104
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/19 (Item 7 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

06432090 EMBASE No: 1996083787
A novel leukointegrin, alphadbeta2, binds preferentially to ICAM-3
Van der Vieren M.; Trong H.L.; Wood C.L.; Moore P.F.; St. John T.;
Staunton D.E.; Gallatin W.M.
ICOS Corporation, 22021 Twentieth Avenue Southeast, Bothell, WA 98021
United States
Immunity (IMMUNITY) (United States) 1995, 3/6 (683-690)
CODEN: IUNIE ISSN: 1074-7613
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/20 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

137168273 CA: 137(12)168273n PATENT
Monoclonal antibodies specific to human .beta.2 integrin .alpha.d subunit
for inhibiting locomotor damage following spinal cord injury
INVENTOR(AUTHOR): Gallatin, W. Michael; Van der Vieren, Monica
LOCATION: USA
ASSIGNEE: ICOS Corporation
PATENT: United States ; US 6432404 B1 DATE: 20020813
APPLICATION: US 688307 (20001013) *US 173497 (19931223) *US 286889
(19940805) *US 362652 (19941221) *US 605672 (19960222) *US 943363
(19971003) *US 193043 (19981116) *US 350259 (19990708)
PAGES: 136 pp., Cont. of U.S. Ser. No. 350,259. CODEN: USXXAM
LANGUAGE: English CLASS: 424144100; A61K-039/395A; C07K-016/28B

2/3/21 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

133016313 CA: 133(2)16313e PATENT
Method for inhibiting macrophage infiltration using monoclonal
anti-alpha-d-antibodies
INVENTOR(AUTHOR): Gallatin, Michael W.; Van Der Vieren, Monica
LOCATION: USA
ASSIGNEE: Icos Corporation
PATENT: PCT International ; WO 200029446 A1 DATE: 20000525
APPLICATION: WO 99US27139 (19991116) *US 193043 (19981116) *US 350259
(19990708)
PAGES: 270 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;
C12N-005/12B; G01N-033/566B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ;
BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG;

SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ
; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;
PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

2/3/22 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

129274710 CA: 129(21)274710x PATENT
Cloning and cDNA sequences of mammalian .beta.2 integrin .alpha.d subunit
and their diagnostic and therapeutic uses
INVENTOR(AUTHOR): Gallatin, W. Michael; Van der Vieren, Monica
LOCATION: USA
ASSIGNEE: ICOS Corporation
PATENT: United States ; US 5817515 A DATE: 19981006
APPLICATION: US 605672 (19960222) *US 173497 (19931223) *US 286889
(19940805) *US 362652 (19941221)
PAGES: 112 pp. Cont.-in-part of U.S. Ser. No. 362,652. CODEN: USXXAM
LANGUAGE: English CLASS: 435343200; C12N-005/12A; C07K-016/28B

2/3/23 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

127219561 CA: 127(16)219561h PATENT
Human .beta.2-integrin .alpha.-subunit, cDNA sequence, recombinant
production, hybridoma production of antibodies thereto, and immunomodulator
screening
INVENTOR(AUTHOR): Gallatin, W. Michael; Van Der Vieren, Monica
LOCATION: USA
ASSIGNEE: Icos Corp.
PATENT: PCT International ; WO 9731099 A1 DATE: 19970828
APPLICATION: WO 97US2713 (19970224) *US 605672 (19960222)
PAGES: 222 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-005/00A;
C12N-015/00B; C12P-021/08B; C12Q-001/68B; C12Q-001/00B; C07K-001/00B;
C07K-002/00B; C07K-004/00B; C07K-014/00B; C07K-016/28B; A61K-035/14B;
A61K-039/395B DESIGNATED COUNTRIES: AU; BR; CA; CN; CZ; FI; HU; IL; JP; MX
; NO; PL; RU; SK DESIGNATED REGIONAL: AT; BE; CH; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE

2/3/24 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

126017540 CA: 126(2)17540u JOURNAL
Synovial distribution of .alpha.d/CD18, a novel leukointegrin: Comparison
with other integrins and their ligands
AUTHOR(S): El-Gabalawy, Hani; Canvin, Janice; Ma, Guoping M.; Van der
Vieren, Monica; Hoffman, Patricia; Gallatin, Michael; Wilkins, John
LOCATION: University Manitoba, Winnipeg, MB, Can., R3A 1M4
JOURNAL: Arthritis Rheum. DATE: 1996 VOLUME: 39 NUMBER: 11 PAGES:
1913-1921 CODEN: ARHEAW ISSN: 0004-3591 LANGUAGE: English PUBLISHER:
Lippincott-Raven

2/3/25 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

124078737 CA: 124(7)78737u PATENT

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 12 returned.**☐ 1. Document ID: WO 200281627 A2

L1: Entry 1 of 12

File: DWPI

Oct 17, 2002

DERWENT-ACC-NO: 2003-058512

DERWENT-WEEK: 200305

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TITLE: Screening for agents which inhibit angiogenesis, used for treating cancer, macular degeneration and retinopathies, comprises screening for agents which inhibit activation of integrin alpha subunit by metalloprotease MT1-MMP

INVENTOR: BACIU, P C; MANUEL, V M ; ZHANG, H

PRIORITY-DATA: 2001US-281512P (April 4, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200281627 A2	October 17, 2002	E	024	C12N000/00

INT-CL (IPC): C12 N 0/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: WO 200272030 A2

L1: Entry 2 of 12

File: DWPI

Sep 19, 2002

DERWENT-ACC-NO: 2002-723285

DERWENT-WEEK: 200278

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Novel polypeptide useful for generating antibodies for treating inflammatory disorder, ischemia-reperfusion injury, comprises all or part of variant integrin alpha subunit A domain or beta subunit A-like domain

INVENTOR: ARNAOUT, M A; LI, R ; XIONG, J

PRIORITY-DATA: 2001US-0805354 (March 13, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200272030 A2	September 19, 2002	E	057	A61K000/00

INT-CL (IPC): A61 K 0/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: WO 200230980 A2 AU 200196839 A US 6432404 B1

L1: Entry 3 of 12

File: DWPI

Apr 18, 2002

DERWENT-ACC-NO: 2002-463260

DERWENT-WEEK: 200256

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Use of an anti-alpha-d monoclonal antibodies for promoting locomotor recovery, inhibiting locomotor damage, limiting locomotor impairment, or limiting autonomic and sensory dysfunction following spinal cord injury

INVENTOR: GALLATIN, W M; VAN DER VIEREN, M

PRIORITY-DATA: 2000US-0688307 (October 13, 2000), 1993US-0173497 (December 23, 1993), 1994US-0286889 (August 5, 1994), 1994US-0362652 (December 21, 1994), 1996US-0605672 (February 22, 1996), 1997US-0943363 (October 3, 1997), 1998US-0193043 (November 16, 1998), 1999US-0350259 (July 8, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200230980 A2	April 18, 2002	E	270	C07K014/705
AU 200196839 A	April 22, 2002		000	C07K014/705
US 6432404 B1	August 13, 2002		000	A61K039/395

INT-CL (IPC): A61 K 39/395; C07 K 14/705; C07 K 16/28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: WO 200209737 A1 AU 200186403 A

L1: Entry 4 of 12

File: DWPI

Feb 7, 2002

DERWENT-ACC-NO: 2002-188687

DERWENT-WEEK: 200279

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Novel high affinity integrin polypeptide useful for treating restenosis and parasitic diseases, comprises all or part of variant integrin alpha subunit A domain or variant integrin beta subunit A-like domain

INVENTOR: ARNAOUT, A M; LI, R ; XIONG, J

PRIORITY-DATA: 2001US-0805354 (March 13, 2001), 2000US-221950P (July 31, 2000), 2001US-0758493 (January 11, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200209737 A1	February 7, 2002	E	055	A61K038/16
AU 200186403 A	February 13, 2002		000	A61K038/16

INT-CL (IPC): A61 K 38/16; A61 K 39/395; C07 H 21/02; C07 H 21/04; C07 K 14/706; C07 K 16/28; G01 N 33/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 5. Document ID: WO 200181414 A2 AU 200159178 A

L1: Entry 5 of 12

File: DWPI

Nov 1, 2001

Term	Documents
205C.DWPI,EPAB,JPAB,USPT,PGPB.	1031
205CS	0
205E.DWPI,EPAB,JPAB,USPT,PGPB.	237
205ES	0
INTEGRIN.DWPI,EPAB,JPAB,USPT,PGPB.	4617
INTEGRINS.DWPI,EPAB,JPAB,USPT,PGPB.	3129
ANTIBOD\$	0
ANTIBOD.DWPI,EPAB,JPAB,USPT,PGPB.	623
ANTIBODANTIBODA.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODAY.DWPI,EPAB,JPAB,USPT,PGPB.	1
ANTIBODEES.DWPI,EPAB,JPAB,USPT,PGPB.	1
((205C OR 205E) SAME (ANTIBOD\$ OR HYBRIDOMAS) AND INTEGRIN).USPT,PGPB,JPAB,EPAB,DWPI.	4

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6251395 B1

L15: Entry 3 of 6

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,
530/388.75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 5976845 A

L15: Entry 4 of 6

File: USPT

Nov 2, 1999

US-PAT-NO: 5976845

DOCUMENT-IDENTIFIER: US 5976845 A

TITLE: Composite antibodies of human subgroup IV light chain capable of binding to TAG-72

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mezes; Peter S.	Oldlyme	CT		
Richard; Ruth A.	Midland	MI		
Johnson; Kimberly S.	New London	CT		

US-CL-CURRENT: 435/69.6; 424/133.1, 424/138.1, 435/328, 435/344, 435/69.1,
530/387.3, 530/387.7, 530/388.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5976531 A

L15: Entry 5 of 6

File: USPT

Nov 2, 1999

US-PAT-NO: 5976531

DOCUMENT-IDENTIFIER: US 5976531 A

TITLE: Composite antibodies of human subgroup IV light chain capable of binding to tag-72

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mezes; Peter S.	Oldlyme	CT		
Richard; Ruth A.	Midland	MI		
Johnson; Kimberly S.	New London	CT		

US-CL-CURRENT: 424/133.1; 424/155.1, 435/7.92, 530/387.3, 530/388.8, 530/388.85,
530/391.3, 530/391.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 6. Document ID: US 5837478 A

L15: Entry 6 of 6

File: USPT

Nov 17, 1998

US-PAT-NO: 5837478

DOCUMENT-IDENTIFIER: US 5837478 A

TITLE: Method of identifying modulators of binding between and VCAM-1

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/7.24; 435/7.1, 435/7.2, 435/7.21, 435/7.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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Term	Documents
205C.USPT.	803
205CS	0
ANTIBOD\$	0
ANTIBOD.USPT.	325
ANTIBODAY.USPT.	1
ANTIBODEES.USPT.	1
ANTIBODEES:.USPT.	1
ANTIBODEIS.USPT.	2
ANTIBODES.USPT.	61
ANTIBODES:.USPT.	1
ANTIBODEY.USPT.	1
((205C) SAME (ANTIBOD\$ OR HYBRIDOMA\$)).USPT.	6

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L10: Entry 1 of 1

File: USPT

Oct 6, 1998

US-PAT-NO: 5817515

DOCUMENT-IDENTIFIER: US 5817515 A

TITLE: Human B2 integrin alpha subunit antibodies

DATE-ISSUED: October 6, 1998

US-CL-CURRENT: 435/343.2; 435/325, 435/326, 435/332, 435/334, 435/343, 435/343.1,
435/346, 435/70.21, 530/387.1, 530/387.9, 530/388.1, 530/388.2, 530/388.22,
530/388.7, 530/388.73, 530/388.75

APPL-NO: 08/ 605672 [PALM]
DATE FILED: February 22, 1996

PARENT-CASE:

This application is a continuation-in-part of U.S. application Ser. No. 08/362,652, filed Dec. 21, 1994, which is pending, which is a continuation-in-part of U.S. application Ser. No. 08/286,889, filed Aug. 5, 1994, which issued as U.S. Pat. No. 5,470,953 on Nov. 28, 1995, which in turn is a continuation-in-part of U.S. application Ser. No. 08/173,497, filed Dec. 23, 1993, which issued as U.S. Pat. No. 5,437,958 on Aug. 1, 1995.

WEST

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Search Results - Record(s) 1 through 4 of 4 returned.☐ 1. Document ID: US 20020062008 A1

L16: Entry 1 of 4

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020062008

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020062008 A1

TITLE: NOVEL HUMAN BETA2 INTEGRIN ALPHA SUBUNIT

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME

GALLATIN, W. MICHAEL

VAN DER VIEREN, MONICA

CITY

MERCER ISLAND

SEATTLE

STATE

WA

WA

COUNTRY

US

US

RULE-47

US-CL-CURRENT: 530/387.3; 530/388.22, 530/388.73

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 2. Document ID: US 6432404 B1

L16: Entry 2 of 4

File: USPT

Aug 13, 2002

US-PAT-NO: 6432404

DOCUMENT-IDENTIFIER: US 6432404 B1

TITLE: Methods of inhibiting locomotor damage following spinal cord injury with .alpha. D-specific antibodies

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME

Gallatin; W. Michael

Van der Vieren; Monica

CITY

Mercer Island

Snohomish

STATE

WA

WA

ZIP CODE

COUNTRY

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1, 424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73, 530/388.75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6251395 B1

L16: Entry 3 of 4

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,
530/388.75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 4. Document ID: US 5837478 A

L16: Entry 4 of 4

File: USPT

Nov 17, 1998

US-PAT-NO: 5837478

DOCUMENT-IDENTIFIER: US 5837478 A

TITLE: Method of identifying modulators of binding between and VCAM-1

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/7.24; 435/7.1, 435/7.2, 435/7.21, 435/7.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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10. The method according to any one of claims 6 through 9 wherein the central nervous system injury is a spinal cord injury.

WEST**End of Result Set**☐

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L10: Entry 1 of 1

File: USPT

Oct 6, 1998

US-PAT-NO: 5817515

DOCUMENT-IDENTIFIER: US 5817515 A

TITLE: Human B2 integrin alpha subunit antibodies

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/343.2; 435/325, 435/326, 435/332, 435/334, 435/343, 435/343.1,
435/346, 435/70.21, 530/387.1, 530/387.9, 530/388.1, 530/388.2, 530/388.22,
530/388.7, 530/388.73, 530/388.75

CLAIMS:

What is claimed is:

1. A hybridoma designated 199M (A.T.C.C. Deposit No: HB 12058).
2. A monoclonal antibody secreted by the hybridoma of claim 1.

WEST**End of Result Set**

Generate Collection

Print

L11: Entry 1 of 1

File: USPT

Jun 16, 1998

US-PAT-NO: 5766850

DOCUMENT-IDENTIFIER: US 5766850 A

TITLE: Human .beta.2 integrin .alpha. subunit

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME

Gallatin; W. Michael

Van der Vieren; Monica

CITY

Seattle

Seattle

STATE

WA

WA

ZIP CODE

COUNTRY

US-CL-CURRENT: 435/6; 435/7.2, 435/7.8, 536/25.4

CLAIMS:

What is claimed is:

1. A method for isolating a polynucleotide encoding a protein that binds to .alpha..sub.d comprising the steps of:

a) transforming or transfecting appropriate host cells with a DNA construct comprising a reporter gene under the control of a promoter regulated by a transcription factor having a DNA-binding domain and an activating domain;

b) expressing in said host cells a first hybrid DNA sequence encoding a first fusion of part or all of .alpha..sub.d and either the DNA binding domain or the activating domain of said transcription factor;

c) expressing in said host cells a library of second hybrid DNA sequences encoding second fusions of part or all of putative .alpha..sub.d binding proteins and the DNA binding domain or activating domain of said transcription factor which is not incorporated in said first fusion;

d) detecting binding of an .alpha..sub.d binding protein to .alpha..sub.d in a particular host cell by detecting the production of reporter gene product in said host cell; and

e) isolating second hybrid DNA sequences encoding .alpha..sub.d binding protein from said particular host cell.

WEST**End of Result Set**☐

Generate Collection

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L12: Entry 1 of 1

File: USPT

Jun 16, 1998

US-PAT-NO: 5766850

DOCUMENT-IDENTIFIER: US 5766850 A

TITLE: Human .beta.2 integrin .alpha. subunit

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/6; 435/7.2, 435/7.8, 536/25.4

CLAIMS:

What is claimed is:

1. A method for isolating a polynucleotide encoding a protein that binds to .alpha..sub.d comprising the steps of:

a) transforming or transfecting appropriate host cells with a DNA construct comprising a reporter gene under the control of a promoter regulated by a transcription factor having a DNA-binding domain and an activating domain;

b) expressing in said host cells a first hybrid DNA sequence encoding a first fusion of part or all of .alpha..sub.d and either the DNA binding domain or the activating domain of said transcription factor;

c) expressing in said host cells a library of second hybrid DNA sequences encoding second fusions of part or all of putative .alpha..sub.d binding proteins and the DNA binding domain or activating domain of said transcription factor which is not incorporated in said first fusion;

d) detecting binding of an .alpha..sub.d binding protein to .alpha..sub.d in a particular host cell by detecting the production of reporter gene product in said host cell; and

e) isolating second hybrid DNA sequences encoding .alpha..sub.d binding protein from said particular host cell.

WEST**End of Result Set**☐

Generate Collection

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L13: Entry 1 of 1

File: USPT

Nov 28, 1995

US-PAT-NO: 5470953

DOCUMENT-IDENTIFIER: US 5470953 A

TITLE: Human .beta..sub.2 integrin .alpha. subunit

DATE-ISSUED: November 28, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 530/350; 536/22.1, 536/23.1, 536/23.4, 536/23.5

CLAIMS:

What is claimed is:

1. A purified and isolated .alpha..sub.d extracellular domain polypeptide fragment consisting of about amino acid 17 to about amino acid 1108 of the human .alpha..sub.d amine acid sequence set out in SEQ IN NO: 2.1
2. A purified and isolated .alpha..sub.d I domain polypeptide fragment consisting of about amine acid 145 to about amino acid of the human .alpha..sub.d amine acid sequence set out in SEQ ID NO: 2.
3. A fusion protein comprising an .alpha..sub.d extracellular domain polypeptide fragment and immunoglobulin constant domain sequences, said .alpha..sub.d extracellular domain polypeptide fragment consisting of about amino acid 17 to about amino acid 1108 of SEQ ID NO: 2.
4. A purified and isolated .alpha..sub.d I domain polypeptide fragment consisting of about amino acid 150 to about amino acid 352 of the human .alpha..sub.d amino acid sequence set out in SEQ ID NO: 2.
5. A purified and isolated .alpha..sub.d polypeptide consisting of the amino acid sequence set out in SEQ ID NO: 2.

WEST**End of Result Set**☐ **Generate Collection** **Print**

L14: Entry 1 of 1

File: USPT

Aug 1, 1995

US-PAT-NO: 5437958

DOCUMENT-IDENTIFIER: US 5437958 A

TITLE: Human .beta..sub.2 integrin .alpha. subunit

DATE-ISSUED: August 1, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; William M.	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/365; 435/252.3, 435/69.1, 530/350, 536/22.1, 536/23.1, 536/23.5

CLAIMS:

What is claimed is:

1. A purified and isolated .alpha..sub.d polynucleotide consisting of the human .alpha..sub.d protein coding sequence set out in SEQ ID NO: 1.
2. The polynucleotide of claim 1 which is a DNA molecule.
3. The DNA molecule of claim 2 which is a cDNA molecule.
4. The DNA molecule of claim 2 which is a genomic DNA molecule.
5. The DNA molecule of claim 2 which is a wholly or partially chemically synthesized DNA molecule.
6. A full length purified and isolated .alpha..sub.d encoding polynucleotide selected from the group consisting of:
 - a) the human DNA sequence set out in SEQ ID NO: 1, and
 - b) a DNA molecule which hybridizes under stringent conditions to the protein coding portion of the DNA of a).
7. A DNA molecule encoding the human .alpha..sub.d amino acid sequence set out in SEQ ID NO: 2.
8. A DNA expression construct comprising a DNA molecule according to claim 2.
9. A host cell transformed with a DNA molecule according to claim 2.

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Search Results - Record(s) 1 through 6 of 6 returned.☐ 1. Document ID: US 6495137 B1

L15: Entry 1 of 6

File: USPT

Dec 17, 2002

US-PAT-NO: 6495137

DOCUMENT-IDENTIFIER: US 6495137 B1

TITLE: Humanized anti-tag-72 monoclonal antibodies using human subgroup 4 kappa light chains

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mezes; Peter S.	Old Lyme	CT		
Richard; Ruth A.	Midland	MI		
Johnson; Kimberly S.	Gales Ferry	CT		
Schlom; Jeffrey	Potomac	MD		
Kashmiri; Syed V. S.	Gaithersburg	MD		
Shu; Liming	Gaithersburg	MD		
Padlan; Eduardo A.	Kensington	MD		

US-CL-CURRENT: 424/133.1; 424/1.49, 424/1.53, 424/138.1, 424/156.1, 424/178.1, 435/7.23, 530/387.3, 530/388.85, 530/391.3, 530/391.5, 530/391.7, 530/866, 530/867

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC	Draw Desc	Image
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☐ 2. Document ID: US 6432404 B1

L15: Entry 2 of 6

File: USPT

Aug 13, 2002

US-PAT-NO: 6432404

DOCUMENT-IDENTIFIER: US 6432404 B1

TITLE: Methods of inhibiting locomotor damage following spinal cord injury with .alpha. D-specific antibodies

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Snohomish	WA		

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1, 424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73, 530/388.75

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Search Results - Record(s) 11 through 20 of 24 returned.☒ 11. Document ID: US 5880268 A

L5: Entry 11 of 24

File: USPT

Mar 9, 1999

US-PAT-NO: 5880268

DOCUMENT-IDENTIFIER: US 5880268 A

TITLE: Modulators of the interaction between ICAM-R and .alpha..sub.d /CD18

DATE-ISSUED: March 9, 1999

INVENTOR-INFORMATION:

NAME

Gallatin; W. Michael

Vazeux; Rosemay

CITY

Seattle

Seattle

STATE

WA

WA

ZIP CODE

COUNTRY

US-CL-CURRENT: 530/387.3; 530/387.9, 530/388.1, 530/388.22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Image
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☐ 12. Document ID: US 5869262 A

L5: Entry 12 of 24

File: USPT

Feb 9, 1999

US-PAT-NO: 5869262

DOCUMENT-IDENTIFIER: US 5869262 A

TITLE: Method for monitoring an inflammatory disease state by detecting circulating ICAM-R

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME

Gallatin; W. Michael

Vazeux; Rosemay

CITY

Seattle

Seattle

STATE

WA

WA

ZIP CODE

COUNTRY

US-CL-CURRENT: 435/7.1; 435/7.92, 435/7.94, 435/7.95, 436/811

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Image
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☐ 13. Document ID: US 5837822 A

L5: Entry 13 of 24

File: USPT

Nov 17, 1998

US-PAT-NO: 5837822

DOCUMENT-IDENTIFIER: US 5837822 A

TITLE: Humanized antibodies specific for ICAM related protein

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 530/387.3; 530/388.1, 530/388.22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 14. Document ID: US 5837478 A

L5: Entry 14 of 24

File: USPT

Nov 17, 1998

US-PAT-NO: 5837478

DOCUMENT-IDENTIFIER: US 5837478 A

TITLE: Method of identifying modulators of binding between and VCAM-1

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/7.24; 435/7.1, 435/7.2, 435/7.21, 435/7.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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☐ 15. Document ID: US 5831029 A

L5: Entry 15 of 24

File: USPT

Nov 3, 1998

US-PAT-NO: 5831029

DOCUMENT-IDENTIFIER: US 5831029 A

TITLE: Human .beta.2 integrin .alpha. subunit

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 530/387.2; 435/331, 435/334, 435/346, 530/387.9, 530/388.1,
530/388.22, 530/388.7, 530/389.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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☐ 16. Document ID: US 5827670 A

L5: Entry 16 of 24

File: USPT

Oct 27, 1998

US-PAT-NO: 5827670

DOCUMENT-IDENTIFIER: US 5827670 A

TITLE: Methods of isolating and detecting bone marrow stromal cells with VCAM-1-specific antibodies

DATE-ISSUED: October 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Masinovsky; Boris	Bellevue	WA		
Gallatin; William Michael	Mercer Island	WA		
Simmons; Paul J.	Seattle	WA		

US-CL-CURRENT: 435/7.21; 435/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 17. Document ID: US 5817515 A

L5: Entry 17 of 24

File: USPT

Oct 6, 1998

US-PAT-NO: 5817515

DOCUMENT-IDENTIFIER: US 5817515 A

TITLE: Human B2 integrin alpha subunit antibodies

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/343.2; 435/325, 435/326, 435/332, 435/334, 435/343, 435/343.1, 435/346, 435/70.21, 530/387.1, 530/387.9, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73, 530/388.75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5811517 A

L5: Entry 18 of 24

File: USPT

Sep 22, 1998

US-PAT-NO: 5811517

DOCUMENT-IDENTIFIER: US 5811517 A

TITLE: ICAM-related protein variants

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 530/350; 435/252.3, 435/320.1, 435/325, 435/69.1, 435/69.7, 536/23.1,
536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 19. Document ID: US 5773218 A

L5: Entry 19 of 24

File: USPT

Jun 30, 1998

US-PAT-NO: 5773218

DOCUMENT-IDENTIFIER: US 5773218 A

TITLE: Method to identify compounds which modulate ICAM-related protein interactions

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 20. Document ID: US 5770686 A

L5: Entry 20 of 24

File: USPT

Jun 23, 1998

US-PAT-NO: 5770686

DOCUMENT-IDENTIFIER: US 5770686 A

TITLE: ICAM-related protein fragments

DATE-ISSUED: June 23, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 530/300; 530/317, 530/330, 530/350, 530/395

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L7 alphaD

49 L7

DB=USPT,PGPB; PLUR=YES; OP=ADJ

L6 'beta2 integrin subunit'

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L5 L4 and tnfs

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L4 gallatin.in.

68 L4

L3 alphasubD

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L2 L1 same antibod\$

1 L2

L1 alphaD

119 L1

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- ☐ 1. JP 03163091 A. 22 Jun 90. 15 Jul 91. 3,5,6-SUBSTITUTED DERIVATIVES OF 1,2-O-ISOPROPYLYDENE-ALPHA,D-GLUCOFURANOS- E AND INTERMEDIATES FOR PREPARING THESE DERIVATIVES. RONSEN, BRUCE, et al. C07H009/04; A61K031/70 A61K031/70 A61K031/70 A61K031/70.
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- ☐ 2. JP 02262586 A. 29 Nov 89. 25 Oct 90. DERIVATIVE OF ALPHA,D-GLUCOFURANOSE AND INTERMEDIATE FOR PREPARING ITS DERIVATIVE. RONSEN, BRUCE, et al. 536/54. C07H015/14; A61K031/70 A61K031/70 C07H015/04 C07H015/12.
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- ☐ 3. DE 19636625 A1 US 6020472 A EP 838468 A2 JP 10101691 A CA 2214623 A. Preparation of alpha,D-glucopyranosido-1,6-mannitol/sorbitol mixture - by hydrogenation of the corresponding fructose using catalyst containing alloy of iron-group metal with sub-Group IV and/or V element. DARSOW, G. B01J023/755 B01J031/00 C07C027/00 C07H001/00 C07H015/00 C07H015/04.
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- ☐ 4. RU 2076710 C1. Composition for treating tumours - containing N-methyl-N-alpha,D-glucopyra- nosyl(ammonia-2-)acridone-9-one-10-yl) acetate (Cyclopheron). CHIZHOV, N P, et al. A61K031/535.
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- ☐ 5. JP 09037790 A. Prepn of N-acetyl:galactosaminyl alpha 1-0-serine deriv. - comprises reacting N-acetyl:galactosamine with serine deriv., useful in cancer treatment. A61K031/71 C07H001/00 C07H015/04 C12P019/26.
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- ☐ 6. JP 08190198 A. Mfg. water-soluble photosensitive material used for mounting resist images - by heating water-soluble peptise resin aq. soln. in citric acid buffer, increasing viscosity with lapse of time. G02B005/20 G03F007/04 H01L021/027.
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- ☐ 7. JP 07233185 A. New coccidiostatic cpd. FO-2030, defined by properties - prepd. by culturing new Penicillium strain, specifically FP-2030 strain. A61K045/00 C07G011/00 C12N001/20 C12P001/02 C12N001/20 C12R001:80.
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- ☐ 8. WO 9517412 A1 US 5437958 A AU 9518603 A US 5470953 A EP 686161 A1 JP 08507933 W EP 686161 A4 JP 3261383 B2. Alpha sub-unit polypeptide of human beta 2 integrin - used to identify potential antiinflammatory agents, for the treatment of graft arteriosclerosis, inflammatory bowel disease, asthma, etc.. GALLATIN, W M, et al. A01K067/027 A61K035/14 A61K038/00 A61K039/395 C07H019/00 C07H021/00 C07H021/04 C07K001/00 C07K002/00 C07K004/00 C07K007/06 C07K007/08 C07K014/00 C07K014/47 C07K014/705 C07K016/00 C07K016/18 C07K016/28 C07K019/00 C12N001/20 C12N005/00 C12N005/10 C12N015/00 C12N015/02 C12N015/09 C12P021/02 C12P021/06 C12P021/08 C12Q001/00 C12Q001/68 G01N033/53 G01N033/577 C12P021/02 C12R001:91 C12N005/10 C12R001:91 C12P021/08 C12R001:91.
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- ☐ 9. DE 4402103 A1 JP 06219905 A US 5453268 A. Antimicrobial and deodorant prods. for textile treatment - contg. aminoglycoside schiff's base deriv. and polyoxyethylene polyalkylsiloxane. NAHARA, K, et al. A01N025/08 A01N025/10 A01N025/12 A01N025/24 A01N035/10 A01N043/16 A61L009/01 B32B033/00 C07B043/00 C07D247/00 C07D521/00 D06M013/332 D06M015/647.
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- ☐ 10. WO 9415622 A1 AU 9461310 A US 5438130 A. Pharmaceutical compsns. for treatment of nervous system disorders or side effects of chemotherapy - comprises a new nucleoside deriv. comprising a purine or pyrimidine base, a ribose and an aldo:hexose. FISHER, J, et al. A61K031/70 C07H019/167.

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- ☐ 11. WO 9411381 A1 IL 107427 A AU 9454478 A ZA 9308049 A US 5432163 A EP 668866 A1 JP 08506321 W CN 1091745 A EP 668866 B1 DE 69312729 E TW 329424 A. New pentose mono:saccharide derivs. - with anti-proliferative and anti-inflammatory activity, useful for treating inflammatory and auto:immune disorders. AKHTAR, M N, et al. A61K031/70 C07H000/00 C07H005/06 C07H009/04 C07H015/02 C07H015/04 C07H015/12 C07H015/26 C07H017/02 C07H019/04 C07H019/044.
-
- ☐ 12. JP 06135984 A. Glycolipid linked to tri:methylol propane - are prepd. by esterification of glucosyl-tri:methylol propane(s) in presence of lipase, are used as biodegradable surfactants and emulsifiers. C07H015/04 C12P019/44.
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- ☐ 13. DE 4222826 A1 ES 2107032 T3 WO 9401094 A1 EP 648117 A1 JP 07508734 W US 5614509 A EP 648117 B1 DE 59306983 G. Use of N-methyl-d-aspartate antagonists - to reduce tolerance to benzodiazepine receptor binding drugs e.g. diazepam. SCHNEIDER, H, et al. A61K031/00 A61K031/13 A61K031/135 A61K031/40 A61K031/41 A61K031/445 A61K031/47 A61K031/66 A61K031/675.
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- ☐ 14. JP 05313400 A US 5536610 A. Electrophotographic photoreceptor with no declination of sensitivity and resolution - comprises electroconductive substrate, photosensitive layer and amorphous carbon@ layer prepd. to have specified properties. DOI, I, et al. G03G005/147.
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- ☐ 15. JP 05313399 A US 5536610 A. Electrophotographic photoreceptor with no declination of sensitivity and resolution - comprises electroconductive substrate, photosensitive layer and amorphous carbon@ protection layer prepd. to meet specified properties. DOI, I, et al. G03G005/147.
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- ☐ 16. JP 3318019 B2 EP 561653 A1 US 5246867 A CA 2087411 A JP 06074900 A EP 561653 B1 DE 69309139 E. Determn. and quantification of saccharide cpds. - using luminescence lifetime(s) and energy transfer, partic. useful for measurement of glucose concn. in blood. KOEN, P A, et al. A61B005/14 G01N021/64 G01N021/76 G01N021/78 G01N033/532 G01N033/542 G01N033/56 G01N033/58 G01N033/66.
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- ☐ 17. JP 05117132 A JP 3120086 B2. Hair cosmetic material for preventing and blackening gray hair - contains hydroquinone-O-alpha-D-gluco-pyranoside. A61K007/06 A61K007/075 A61K007/08 C07H015/203 C12P019/44.
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- ☐ 18. JP 05059035 A JP 3012370 B2. Sepn. of beta-butyrolactone isomers - using trans(di:phenyl-hydroxymethyl) di:methyl-di:oxa:cyclopentane in di:ethyl ether, recrystallising, etc.. C07B057/00 C07D305/12 C07D317/20.
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- ☐ 19. GB 2255975 A GB 2255975 B US 5440026 A. Prepn. of sucrose 6-ester(s) - by reacting sucrose with ketene acetal in the presence of an acid catalyst, hydrolysing the prod. and converting any 4-ester to 6-ester. KHAN, R H, et al. C07D307/20 C07D309/10 C07D407/12 C07H001/00 C07H013/00.
-
- ☐ 20. JP 04270127 A JP 3029304 B2. Prod'n. of iron oxide for ferrite raw material - by spraying
-

waste hydrochloric acid from pickling of steel material into roasting furnace and roasting with burner, under specified conditions. C01G049/00 C01G049/02.

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- ☐ 21. EP 499904 A1 IE 82105 B WO 9214745 A1 AU 9214264 A CN 1065068 A FI 9303653 A NO 9302958 A EP 572521 A1 US 5344924 A JP 06508107 W AU 659446 B EP 572521 B1 DE 69203597 E ES 2078739 T3 NO 300638 B1 FI 105553 B1 KR 211750 B1 JP 3170280 B2. Prepn. of ethereally-substd., acetal blocked mono:saccharide - from a partially blocked mono:saccharide, an alkyl halide and anhydrous alkali base. ARORA, S K, et al. C07H000/00 C07H001/00 C07H009/04 C07H015/02 C07H015/04.
- ☐ 22. EP 493269 A1 JP 3148309 B2 FR 2670011 A1 US 5186040 A EP 493269 B1 DE 69113428 E. Viscosity measurement for substrate deposit materials - by formation of diffraction grating and monitoring delay of diffraction lines as grating moves under heat. TEISSIER, J, et al. G01N011/00 G01N021/00 G01N021/41 G01N021/47 H01L021/00 H01L021/3105.
- ☐ 23. US 5106994 A. New antibiotic cpds. LL-F28249 - useful for treating helminthic, ectoparasitic and acaricidal infections in animals and nematodes in plants. CARTER, G T, et al. C07D313/06 C12N001/20 C12P017/11.
- ☐ 24. EP 480640 A CA 2052840 C CA 2052840 A JP 04144694 A US 5218096 A US 5322693 A EP 480640 B1 DE 69116791 E JP 2896598 B2 KR 217014 B1 KR 182615 B1. New lacto-neotrehalose - useful as sweetener or additive in foods, pharmaceuticals, etc.. CHAEN, H, et al. A23L001/236 A24B015/30 A61K007/00 A61K007/06 A61K009/00 A61K031/71 A61K031/715 A61K037/02 A61K037/66 A61K038/19 A61K047/26 C07H003/06 C08B033/04 C12P019/14 C12P019/16 C12P019/18 C12P019/20.
- ☐ 25. EP 446832 A CA 2037608 C AU 9172640 A CA 2037608 A US 5066807 A HU 57208 T ZA 9101742 A US 5093501 A JP 04217978 A EP 446832 A3 HU 63631 T HU 210048 B IL 97487 A EP 446832 B1 DE 69120108 E ES 2090156 T3 HU 213393 B JP 3019269 B2 KR 160136 B1. Castanospermine prodn. - from 5-Boc-amino-5-deoxy-1,2-O-isopropylidene- α -D-glucuronolactone via new intermediates. ANGELL, P T, et al. A61K000/00 C07C000/00 C07D209/00 C07D221/00 C07D307/00 C07D307/92 C07D317/00 C07D317/70 C07D405/04 C07D471/04 C07D493/04 C07D493/14 C07H009/04 C07H017/02 C07H019/01 C07D209:00 C07D221:00 C07D471/04 C07D307:00 C07D317:00 C07D493/14 C07D307:00 C07D317:00 C07D493/04 C07D209:00 C07D221:00 C07D471/04 C07D307:00 C07D317:00 C07D493/14 C07D307:00 C07D317:00 C07D493/04.
- ☐ 26. SU 1675302 A1. New intermediate in prepn. of desoxy-fluoro-ribonucleoside(s) - comprises methyl-benzyl-deoxy- fluoro- α -ribo-penta-furanoside-hydrate. PRIKOTA, T I, et al. C07H005/02.
- ☐ 27. CA 2032310 A US 5227479 A. 1-Deoxynojirimycin-1-sulphonic acid prepn. - by stereoselective reductive amination of 1,2-iso:propylidene-5-oxo- α -glucurono:lactone hydrate using oxime. ANZEVENO, P B, et al. B01J021/00 B01J023/42 C07D211/40 C07D211/46 C07D493/14 C07F007/10 C07H001/00.
- ☐ 28. WO 9108215 A ES 2038094 T3 EP 456817 A US 5110919 A JP 04504268 W ES 2038094 T1 JP 95000634 B2 EP 456817 A4 JP 07138280 A JP 95108912 B2 EP 456817 B1 DE 69025176 E. Protected arabino:furanosyl-adenine cpd. prepn. - by using 2,6-di:(alkoxyacetamido) purine and corresp.

alpha-chloro-sugar. BLUMBERGS, P, et al. A01N043/04 A61K031/70 A61K043/04 C07D473/00
C07H017/02 C07H019/16 C07H019/19.

☐ 29. JP 03123794 A. New podophyllotoxin glycoside(s) useful as antitumour agents - prepd. e.g. by reacting 1-S-(2,3,4-tri-o-benzyl-D-xylo:pyranosyl)-N-phenyl-N',N'-bis(- di:methyl). A61K031/70 C07H017/04.

☐ 30. DD 277683 A. New di:alkyl-thio-methylene sugar derivs. - useful as pharmaceuticals and intermediates. FEIST, H, et al. C07H007/02.

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Term	Documents
ALPHAD.DWPI,EPAB,JPAB.	49
ALPHADS	0
ALPHAD.JPAB,EPAB,DWPI.	49
(ALPHAD).JPAB,EPAB,DWPI.	49

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Term	Documents
ALPHAD.DWPI,EPAB,JPAB.	49
ALPHADS	0
ALPHAD.JPAB,EPAB,DWPI.	49
(ALPHAD).JPAB,EPAB,DWPI.	49

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L8: Entry 1 of 1

File: USPT

Nov 17, 1998

US-PAT-NO: 5837478

DOCUMENT-IDENTIFIER: US 5837478 A

TITLE: Method of identifying modulators of binding between and VCAM-1

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/7.24; 435/7.1, 435/7.2, 435/7.21, 435/7.8

CLAIMS:

What is claimed is:

1. A method for identifying a modulator of binding between .alpha..sub.d and VCAM-1 comprising the steps of:

a) contacting .alpha..sub.d and VCAM-1 in the presence and absence of a putative modulator compound;

b) detecting binding between .alpha..sub.d and VCAM-1; and

c) identifying a putative modulator compound in view of decreased or increased binding between .alpha..sub.d and VCAM-1 in the presence of the putative modulator as compared to binding in the absence of the putative modulator.

2. The method according to claim 1 which is carried out in a host cell containing a soluble .alpha..sub.d and a soluble VCAM-1 and wherein decreased or increased binding is quantitated through measurement of a binding-dependent phenotypic change in the host cell, said phenotypic change resulting from a change in expression or a reporter gene product.

3. A method for identifying a compound that modulates binding between .alpha..sub.d and VCAM-1 comprising the steps of:

a) immobilizing .alpha..sub.d or a fragment thereof, or VCAM-1 or a fragment thereof, on a solid support;

b) labelling the non-immobilized binding partner with a detectable agent;

c) contacting said immobilized binding partner with said labelled binding partner in the presence and absence of a putative modulator compound capable of specifically reacting with .alpha..sub.d or VCAM-1;

d) detecting binding between said immobilized binding partner and said labelled binding partner; and

e) identifying modulating compounds as those compounds that affect binding

between said immobilized binding partner and said labelled binding partner.

4. The method of claim 3 wherein .alpha..sub.d or VCAM-1 is immobilized on a solid support coated or impregnated with a fluorescent agent; said non-immobilized binding partner is labelled with a compound capable of exciting said fluorescent agent; and .alpha..sub.d interaction with the binding partner of .alpha..sub.d is detected by light emission from said fluorescent agent.

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L9: Entry 1 of 1

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1, 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,
530/388.75

CLAIMS:

What is claimed is:

1. A method for inhibiting macrophage infiltration at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
2. The method according to claim 1 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
3. The method according to claim 2 wherein the binding partner is VCAM-1.
4. The method according to claim 1 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).
5. The method according to any one of claims 1 through 4 wherein the central nervous system injury is a spinal cord injury.
6. A method for reducing inflammation at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
7. The method according to claim 6 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
8. The method according to claim 7 wherein the binding partner is VCAM-1.
9. The method according to claim 6 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).